

Acetic acid

64-19-7 | DTXSID5024394

Model Performance

Model

Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.93	22.5	0.93	22.1	0.93	22.1

Model Results

Predicted value: 125 °C

Global applicability domain: Inside

Local applicability domain index: 5.85e-01

Confidence level: 6.04e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>Acetic acid</div> <div>Measured: 118</div> <div>Predicted: 125</div>	<div>Image not found</div> <div>Formic acid</div> <div>Measured: 101</div> <div>Predicted: 112</div>	<div>Image not found</div> <div>Propionic acid</div> <div>Measured: 141</div> <div>Predicted: 155</div>
<div>Image not found</div> <div>Chloroacetic acid</div> <div>Measured: 189</div> <div>Predicted: 184</div>	<div>Image not found</div> <div>Acrylic acid</div> <div>Measured: 141</div> <div>Predicted: 156</div>	